



INTERNATIONAL STANDARD ISO/IEC 9075-4:2011
TECHNICAL CORRIGENDUM 2

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Information technology — Database languages — SQL —
Part 4:
Persistent Stored Modules (SQL/PSM)

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Langages de base de données — SQL —

Partie 4: Modules stockés persistants (SQL/PSM)

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 9075-4:2011 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 32, *Data management and interchange*.

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8 Additional common elements

8.1 <routine invocation>

1. *Rationale: Editorial to match change in Foundation.*

Replace Syntax Rule 4) with:

- 4) Replace SR 9)g)iii)3) If XA_i is an <SQL variable reference>, an <SQL parameter reference>, a <column reference>, or a <target array element specification>, then the Syntax Rules of Subclause 9.2, “Store assignment”, in ISO/IEC 9075-2, are applied with P_i as *TARGET* and XA_i as *VALUE*.

9 Schema definition and manipulation

9.11 <view definition>

1. *Rationale: Clarify that adding a subview may not violate a dependency of an SQL-schema object on some property of the subview’s supertable.*

Insert a new Syntax Rule.

- 1.1) Insert after SR21)s)v.1)5) The module descriptor of any SQL-server module.

11 SQL-client modules

11.2 <SQL procedure statement>

1. *Rationale: Clarify the execution of an SQL-statement.*

Replace General Rule 1) with:

- 1) Replace GR 5.2) If S is not an <SQL diagnostics statement> or a <compound statement>, then the first diagnostics area is emptied.

12 Data manipulation

12.8 <temporary table declaration>

1. *Rationale: A <temporary table declaration> can be executed in direct SQL.*

Replace Syntax Rule 1) with:

- 1) Replace SR 2) TTD shall be contained in an <SQL-client module definition>, in a <direct SQL statement> or in an <SQL-server module definition>.

14 Control statements

14.1 <compound statement>

This Subclause is modified by Subclause 11.27, “<compound statement>”, in ISO/IEC 9075-10.

This Subclause is modified by Subclause 15.1, “<compound statement>”, in ISO/IEC 9075-14.

1. *Rationale: If there is an unhandled exception, leave the loop and perform all clean-up actions.*

Replace General Rule 3) c) ii) with:

- 3) ...
 - c) ...
 - ii) If there are unhandled exception conditions at the completion of the execution of a handler (if any), then the execution of GR3) is terminated immediately and evaluation continues with GR 4).